

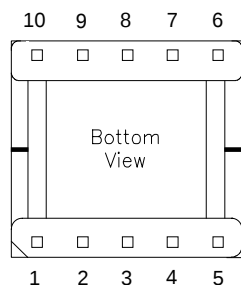
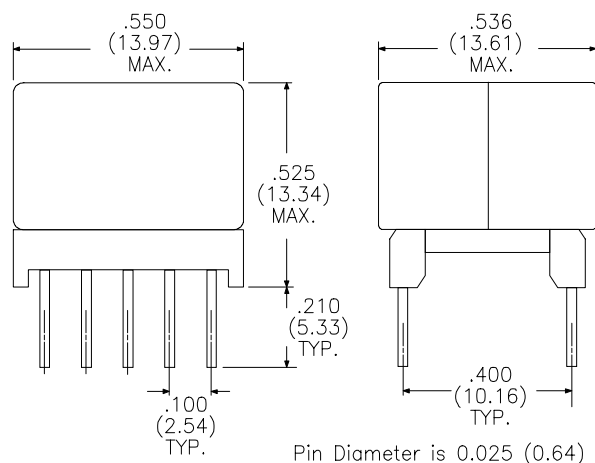
xDSL TRANSFORMER

T-1253

PARAMETER		UNITS
Turns Ratio	1 : 1 $\pm 1\%$	
Inductance (Line Side) ¹	1.25 $\pm 5\%$	mH
Leakage Inductance ¹	12.0 Max	μ H
Longitudinal Balance 40 kHz to 300 kHz	50 min.	dB
Primary DCR 1&4, 2&5	0.42 $\pm 10\%$	Ω
Secondary DCR 10&7, 6&9	0.42 $\pm 10\%$	Ω
Frequency Response 33kHz - 110kHz	± 0.1	dB
Insertion Loss @ 40kHz	0.5 Max.	dB
Isolation (HI-POT)	1500	V _{RMS}

¹Tested at 100 kHz - 0.25VAC

Physical Dimensions in inches (mm)



White Dot Indicates Pin #1

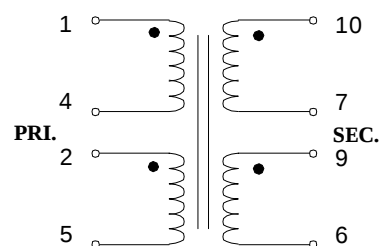
Designed to meet UL1950 and EN60950 reinforced insulation

Designed for DSL applications

Custom versions of this transformer are available.

A Surface Mount version of this transformer is available

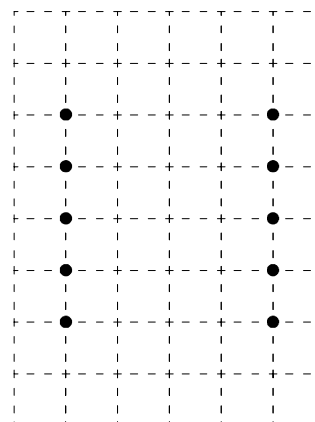
SCHEMATIC DIAGRAM:



Line Side Pins 1-4 + 2-5
Device Side Pins 10-7 + 9-6

PIN POSITION GRID 0.100 (2.54)

● HOLES FOR BOBBIN PINS



4/5/99